Algebra I pg 232		
£-1,-93	ξο, 4 }	(34)
₹0,20}	\{ \pm \{ \frac{4}{5}}\}	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
ξ- 7 /3 }	₹ <u>₹</u> ,-13	₹0,5,10}
$\{0,\frac{2}{5},-\frac{5}{2}\}$	24) {-1,1}	₹0, ₹ }
[3,-2]	ξ- 1 ,13}	{o, ±3, ±2}
[7,5]	{o, ₹}	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
[14] [7]	₹o, ₹₹	₹9,-Z}
[16] {10}	$\left\{-\frac{3}{2}, -\frac{4}{3}\right\}$	{~1,6}

18)
$$9k^{2} = 4k$$
 22) $3x^{2} + x = 2^{-2}$
 $9k^{2} - 4k = 0$ $3x^{2} + x - 2 = 0$
 $8k(9k - 4) = 0$ $(1x + 1)(3x - 2) = 0$
 $8k = 4$ $3x - 2 = 0$
 $9k = 4$ $x = -1$ $3x = 2$
 $3x = 2$

22)
$$3x^{2}+x=2$$

$$123 \\ 3x^{2}+x-2=0$$

$$(1x+1)(3x-2)=0$$

$$x+1=0 \quad 3x-2=0$$

$$x=-1 \quad 3x=2$$

$$x=-1 \quad 3x=2$$

$$x=-1 \quad 3x=3$$

26)
$$2y^2 = 25y + 13^{-2}y^2$$

 $0 = 13 + 25y - 2y^2$
 $0 = (1 + 2y)(13 - 1y)$
 $0 = (1 + 2y)(13 - 1y)$

32)
$$6h^{2} + 17h + 12 = 0$$
 44) $(2t-5)(t-1)=2^{-2}$
 $(3h + 4)(2h + 3)=0$ $(2t-5)(t-1)-2=0$
 $3h + 4 = 0$ $2h + 3 = 0$ $2t^{2} - 2t - 5t + 5 - 2 = 0$
 $2t^{2} - 7t + 3 = 0$
 $(2t-1)(t-3)=0$
 $(2t-1)(t-3)=0$

48)
$$3(m+2) = m(m-2)$$

 $3(m+2) - m(m-2) = 0$
 $3m+6-m^2+2m=0$
 $6+5m-m^2=0$
 $(1+m)(6-m)=0$